

FIG. 1

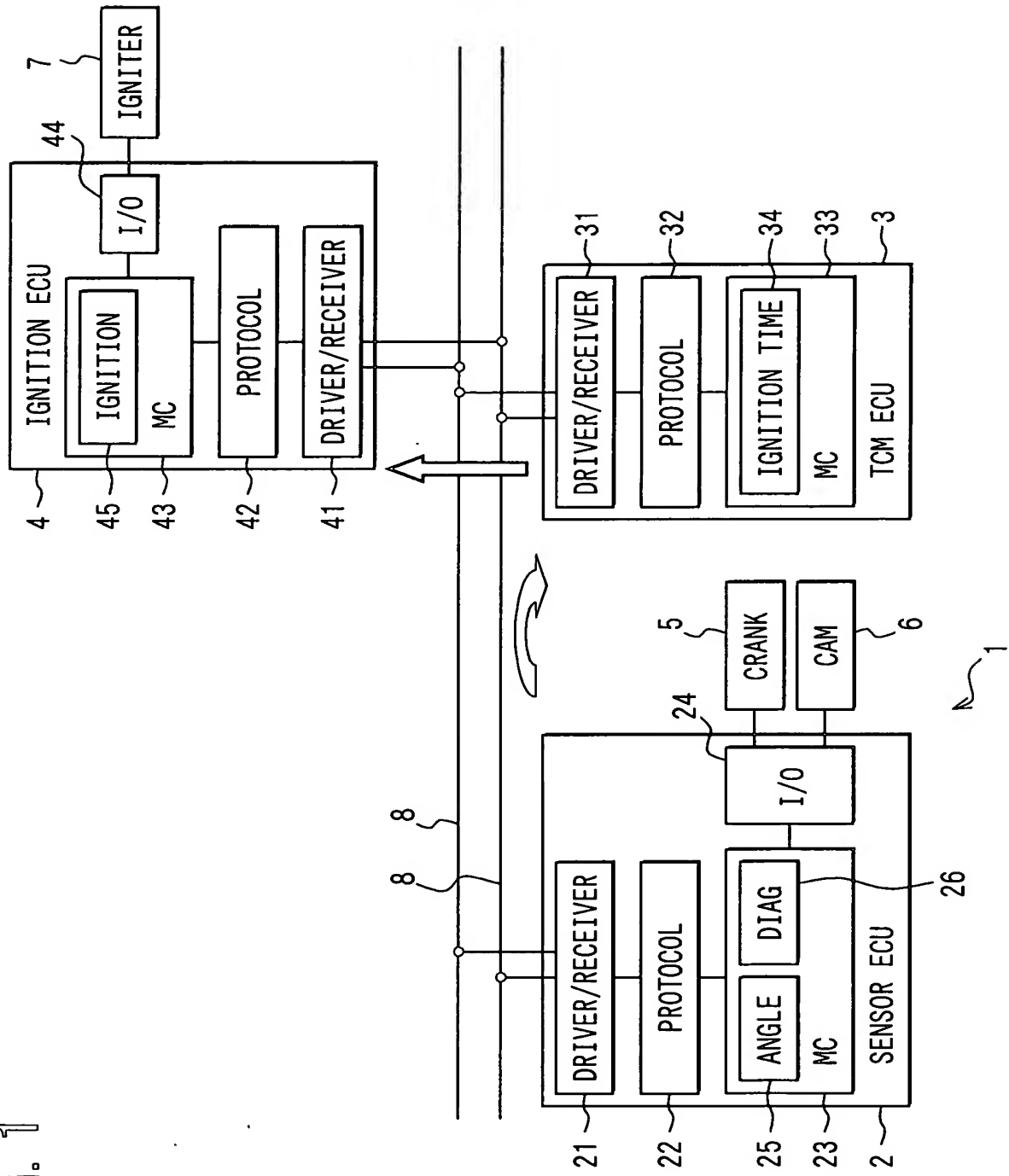


FIG. 2

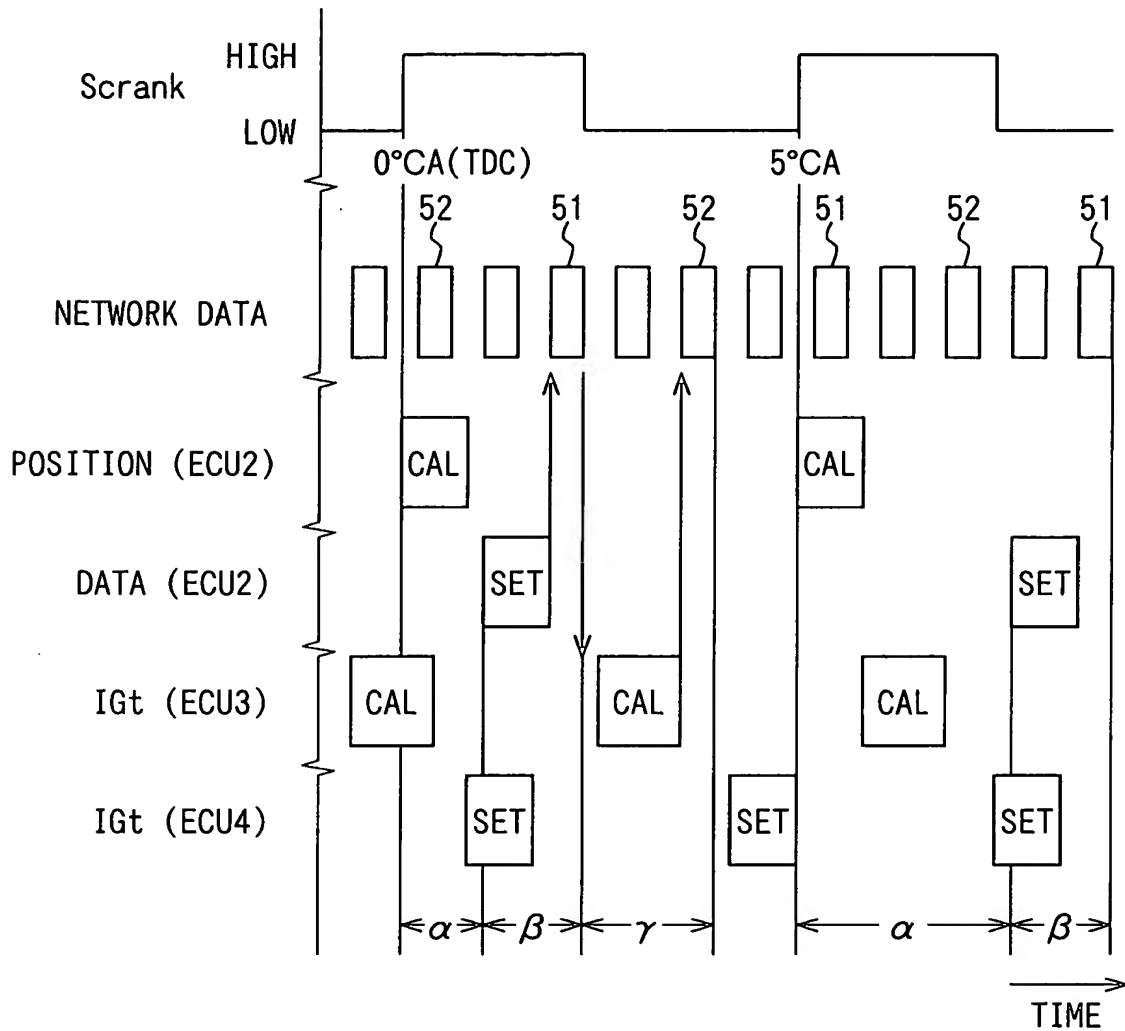


FIG. 3

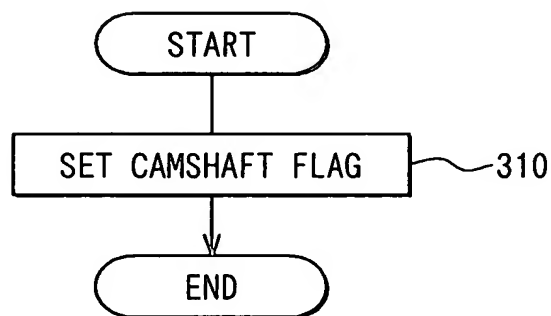


FIG. 4

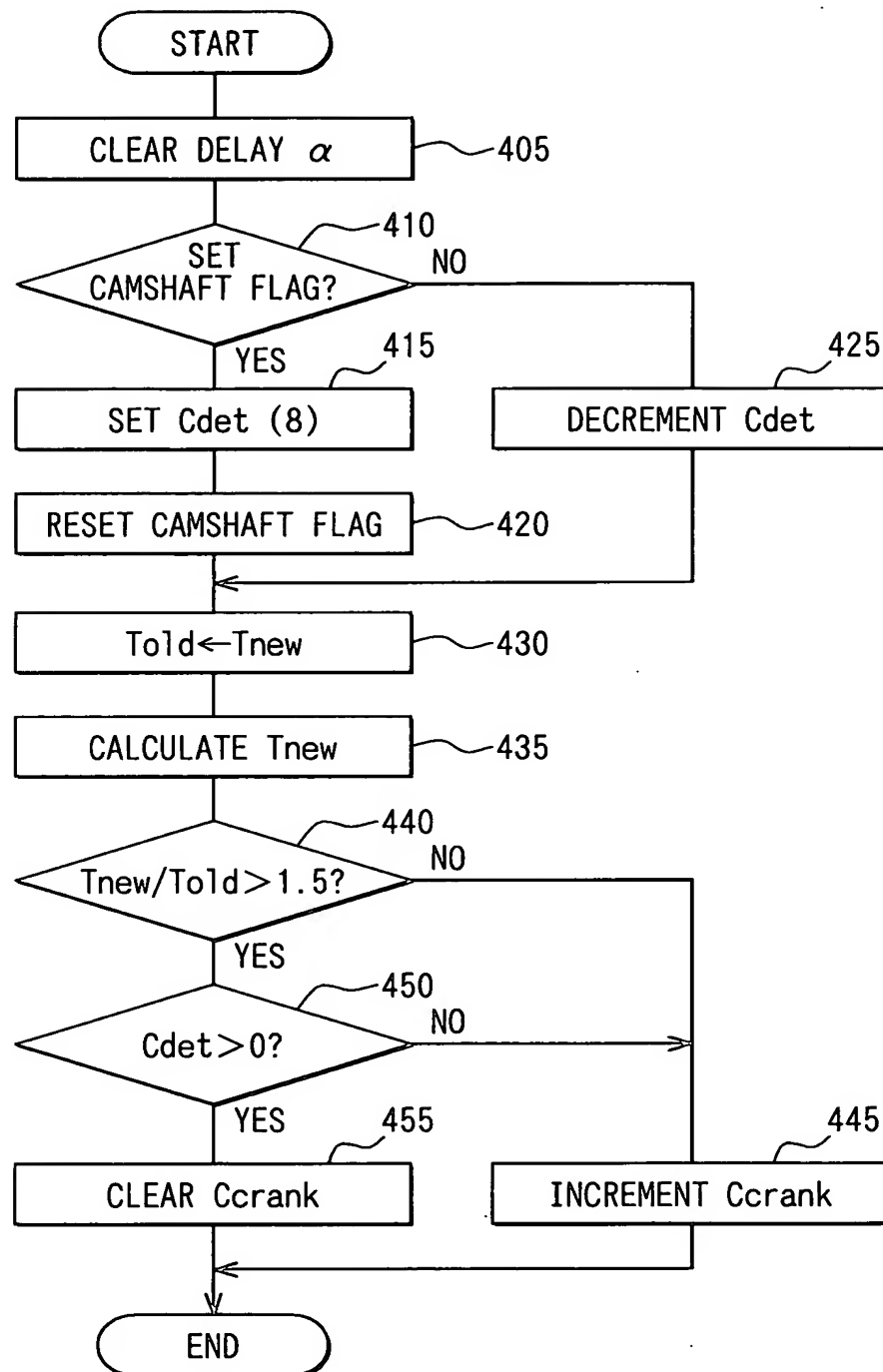


FIG. 5

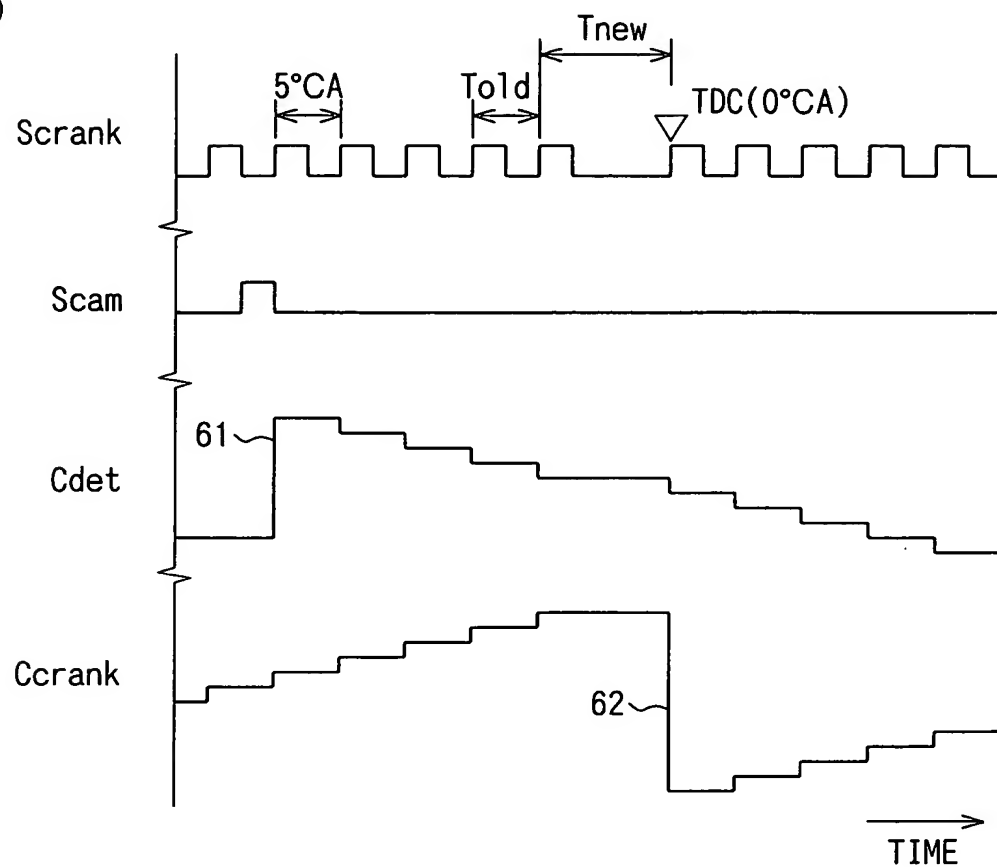


FIG. 6

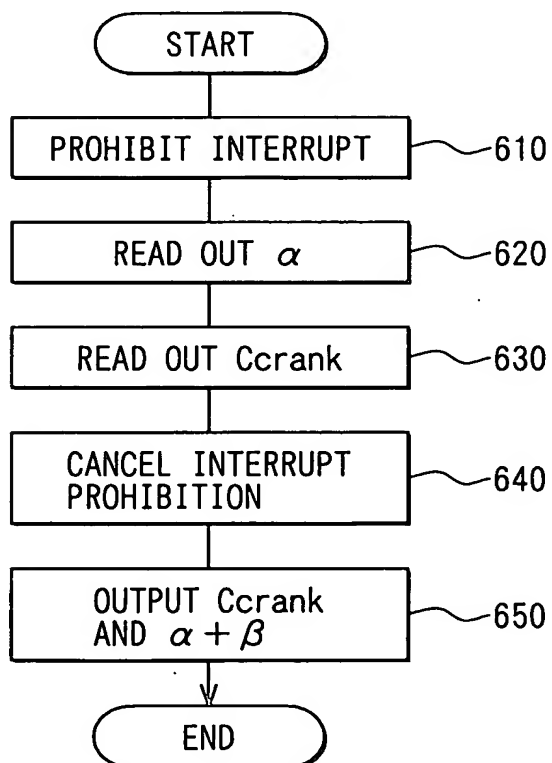


FIG. 7

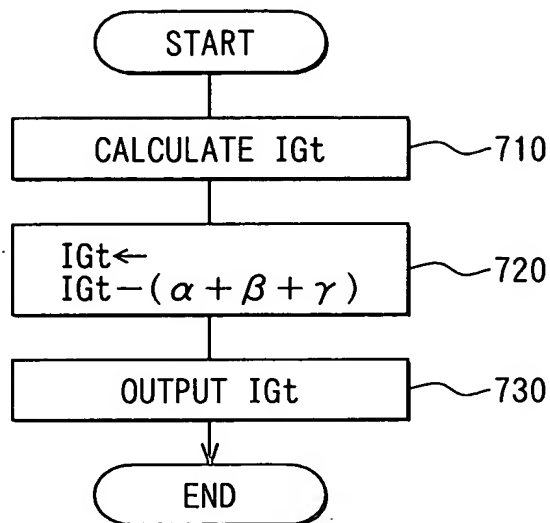
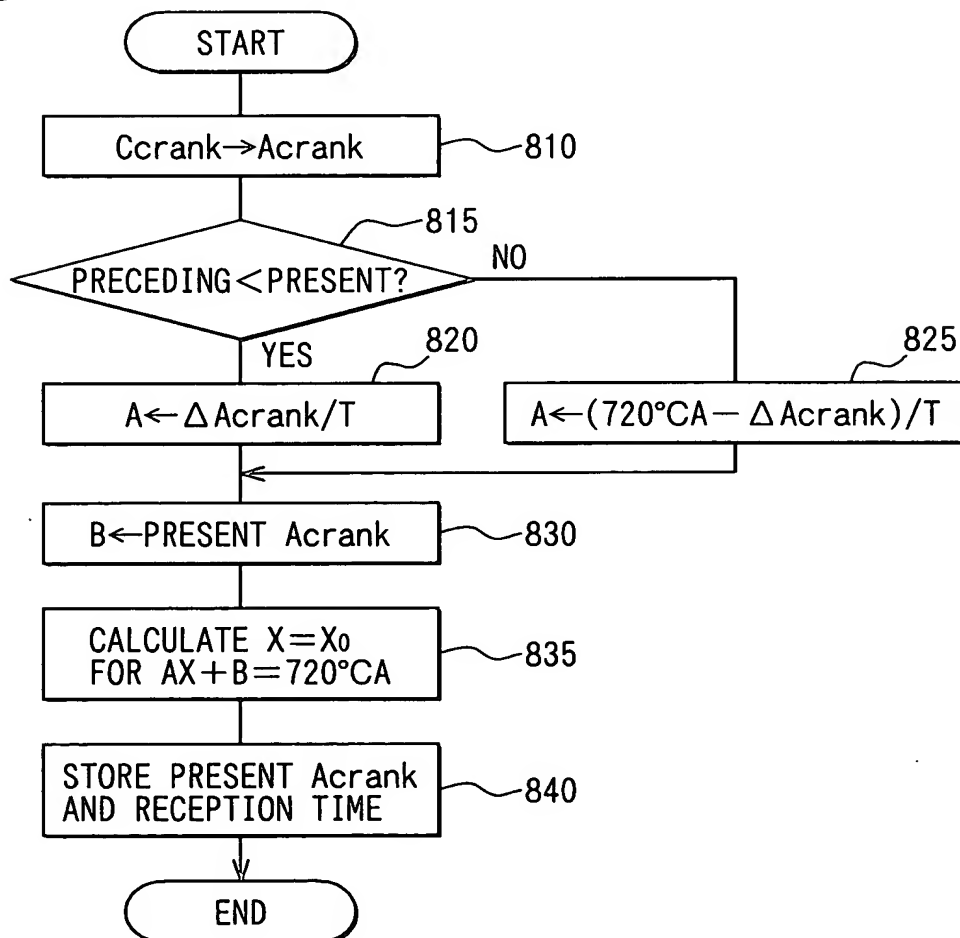
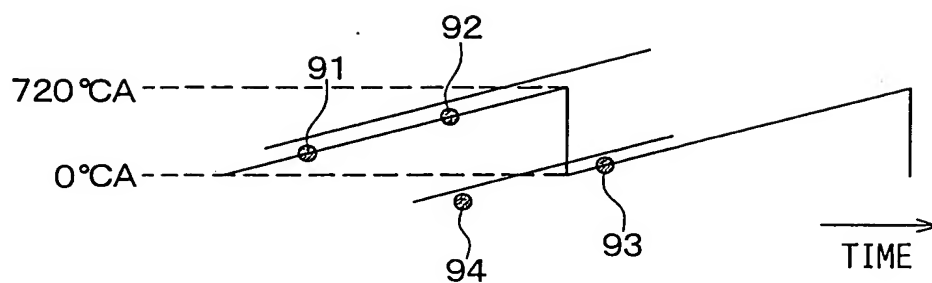


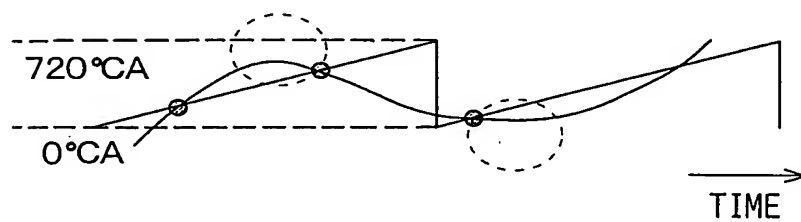
FIG. 8



**FIG. 9**



**FIG. 10A**



**FIG. 10B**

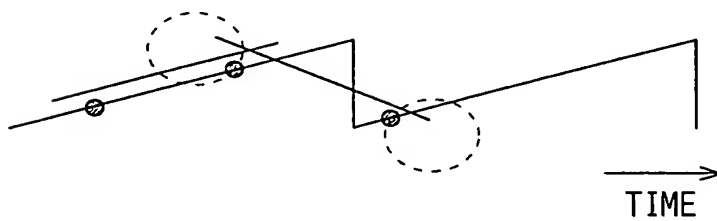


FIG. 11

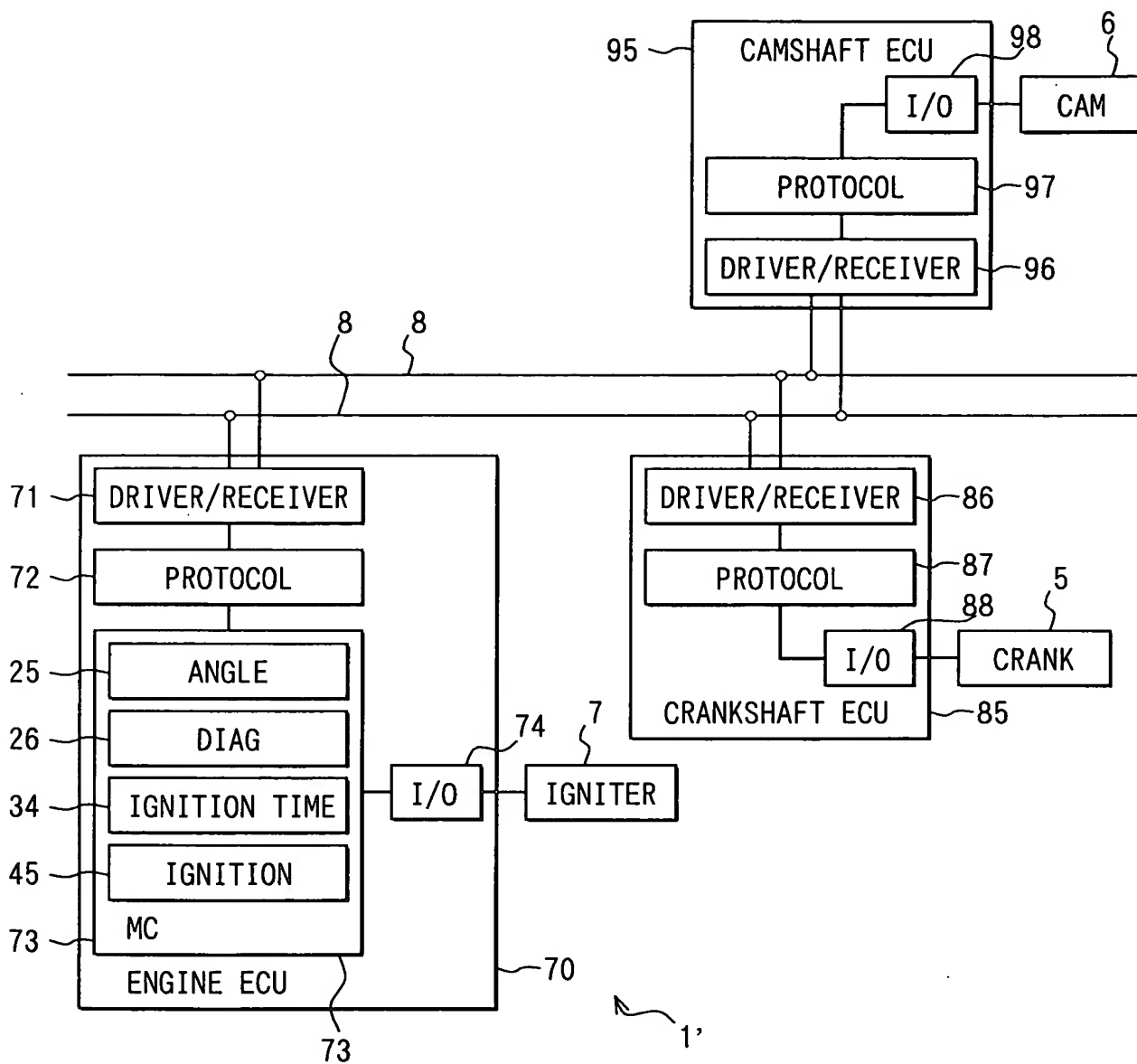


FIG. 12 PRIOR ART

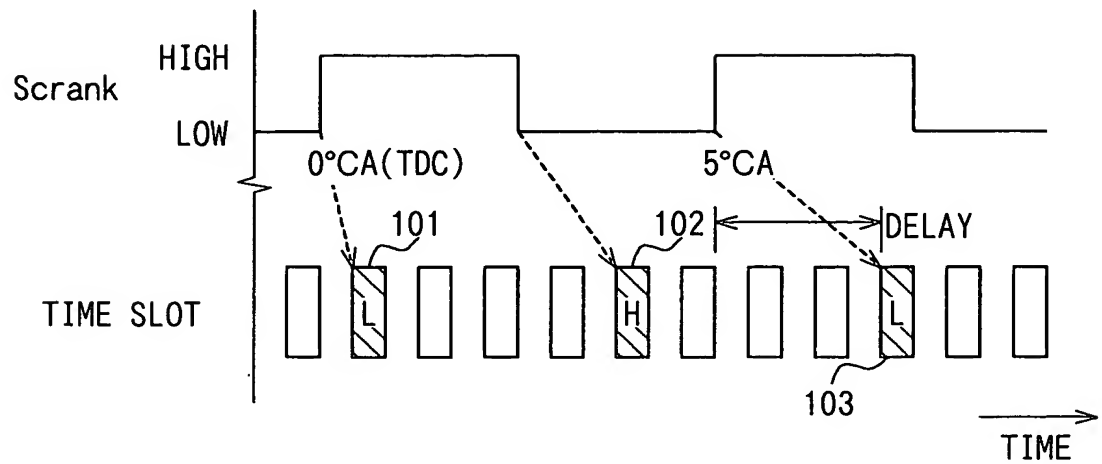


FIG. 13 PRIOR ART

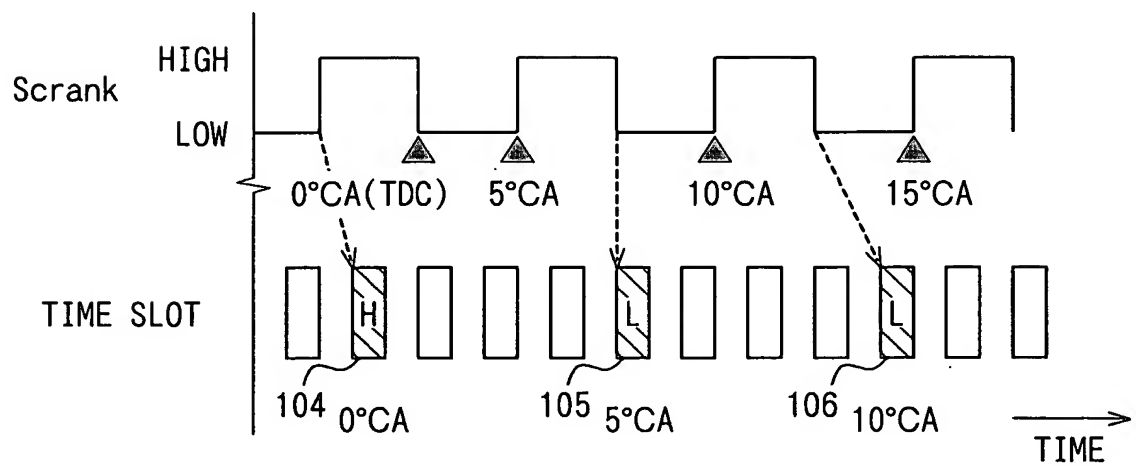


FIG. 14

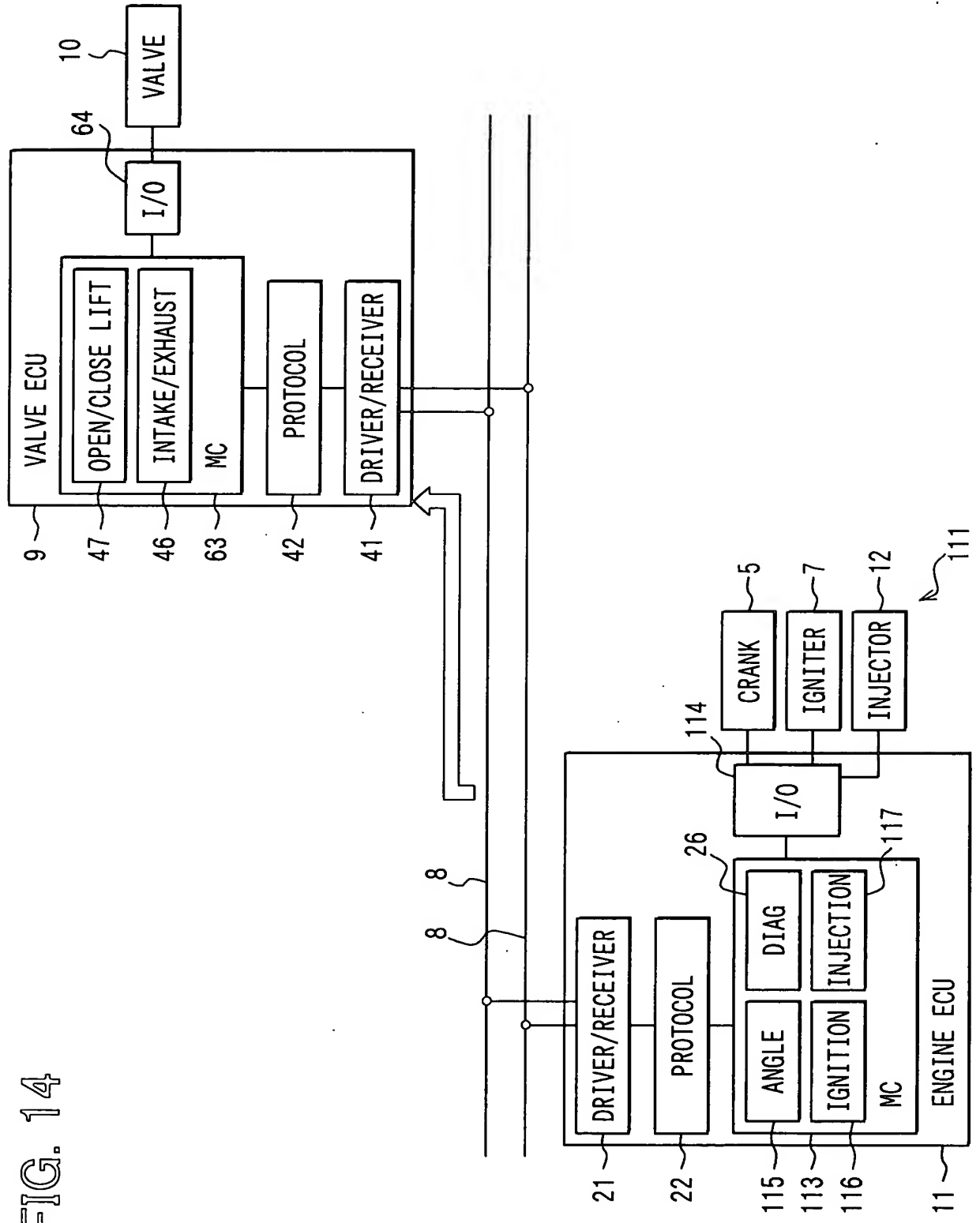


FIG. 15

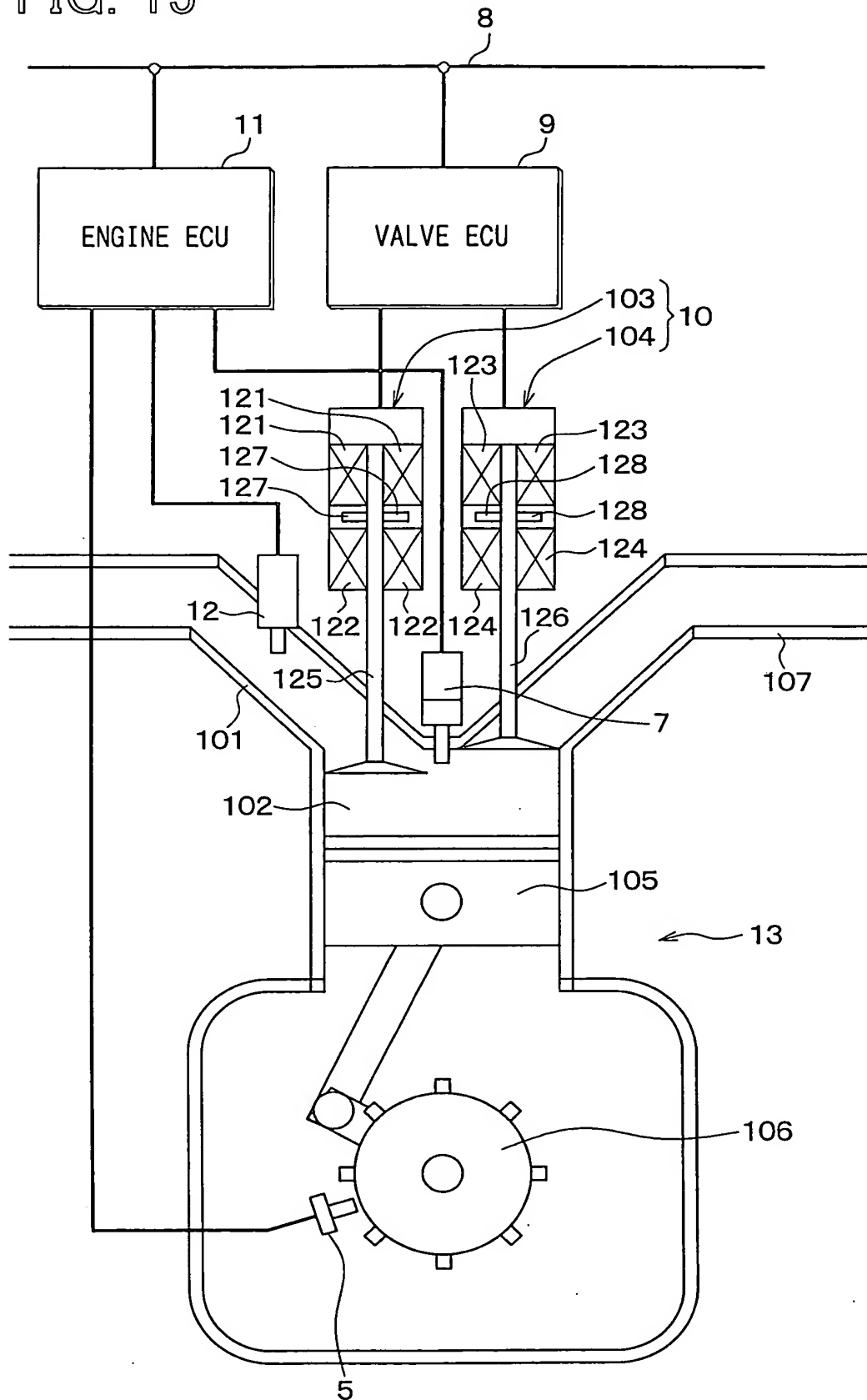


FIG. 16

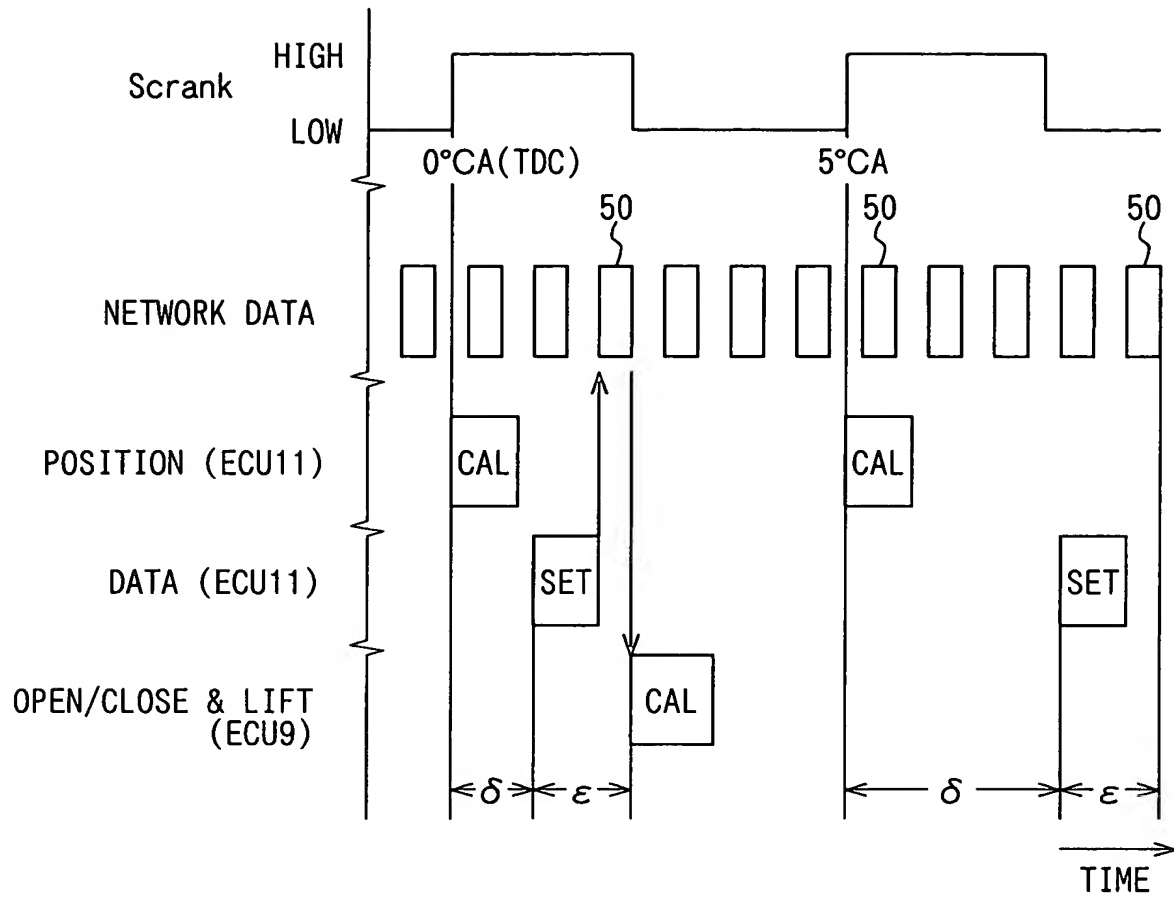


FIG. 17

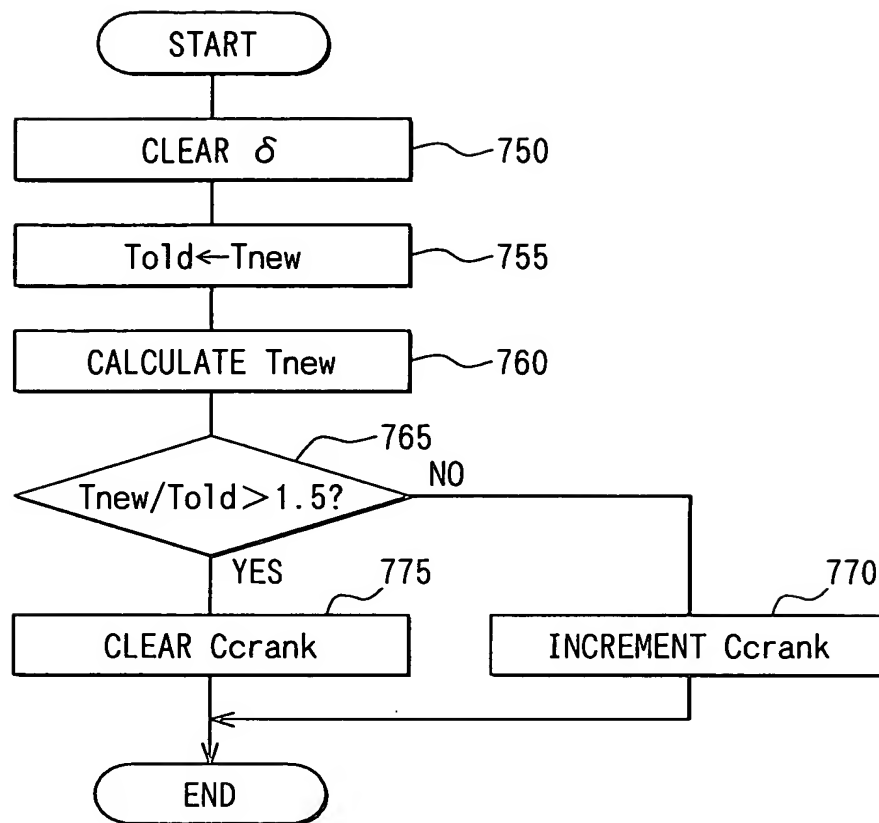


FIG. 18

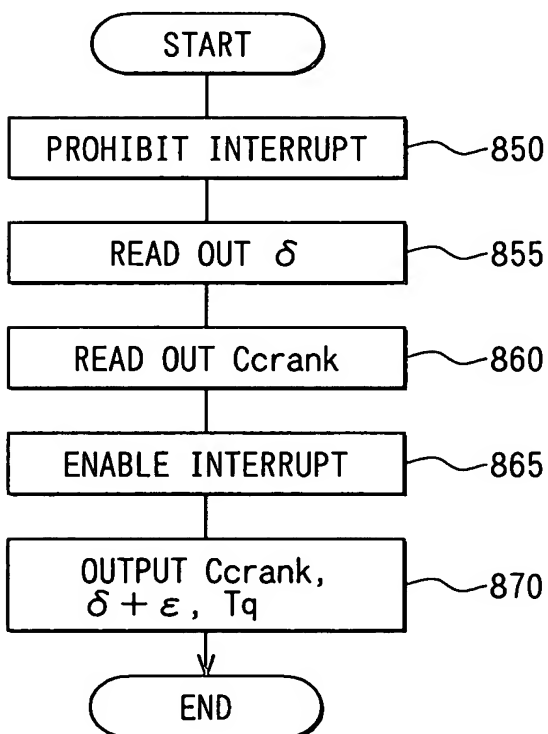


FIG. 19

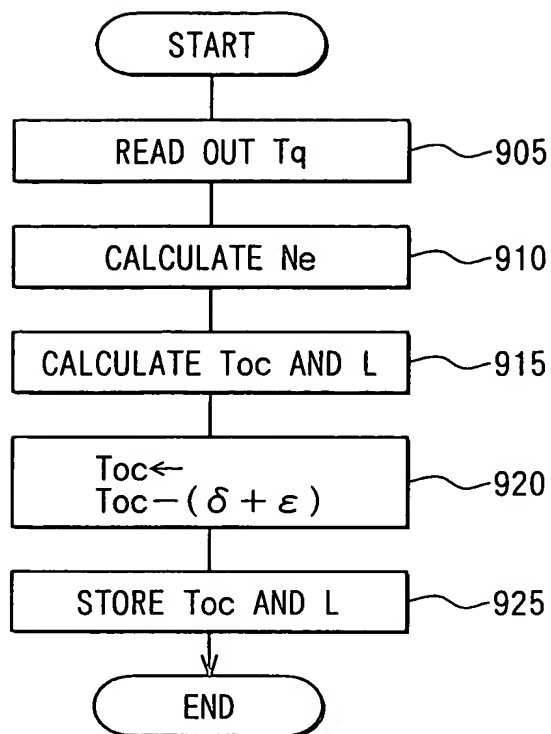


FIG. 20

CYLINDER	0°CA~ 180°CA	180°CA~ 360°CA	360°CA~ 540°CA	540°CA~ 720°CA
#1	SUCTION	COMPRESSION	EXPLOSION	EXHAUST
#2	COMPRESSION	EXPLOSION	EXHAUST	SUCTION
#3	EXHAUST	SUCTION	COMPRESSION	EXPLOSION
#4	EXPLOSION	EXHAUST	SUCTION	COMPRESSION

720°CA